



SWIFTGATE™

SWIFTGATE™ OVERVIEW

The SwiftGate is an automated gate specifically designed for highway traffic control operations. The Swiftgate pivots horizontally and offers increased visibility using a high surface of reflective material and LED lighting. The gate arm's unique Ribcage design provides strength, flexibility and durability. Manufactured with corrosion resistant materials, the SwiftGate is designed to withstand harsh roadside conditions and weather environments.

The Versilis communication hardware offers different communication options to allow gates to be operated, monitored and sequenced, locally and remotely. A system application may include one or many gate modules which can be activated individually, in sequence, in groups or as part of an overall solution that brings together various traffic devices.

SWIFTGATE FOR TEMPORARY APPLICATIONS

For temporary workzone applications the SwiftGate uses solar energy as its external power source and a RF handheld remote control for operation and monitoring. Temporary applications require no wiring for ease of installation and relocation.

SWIFTGATE FOR PERMANENT APPLICATIONS

When used for permanent applications the SwiftGate can use an external power supply. Different communication interface options allow gates to be controlled and monitored by the Traffic Management Center. The RF handheld remote control remains an option for local operation and monitoring.

APPLICATIONS

- Express lane access ramp control
- Reversible lane access control
- Tunnel/Bridge emergency closure
- Event traffic management
- On-ramp and off-ramp control
- Median crossover management
- Work zone repetitive lane closures
- Other similar applications



TECHNICAL FEATURES

PHYSICAL

- Gate lengths available from 2' to 30' in 1" increments
- Pivoting range of 90 degrees (horizontal)
- Deployment or retraction time: typically 23 seconds
- Narrow base support frame footprint
- Gate arms equal to or shorter than 18' are Crash tested to NCHRP350

REFLECTIVITY

- Warning Gate retroreflective sheeting surface: 80 in² per linear feet
- Chevron panel retroreflective sheeting surface: 390 in²
- Retroreflective sheeting colors and grade: as specified by project requirements
- Red flashing Gate Led arrow mounted on chevron panel

ELECTRICAL

- Works on Battery (12Vdc) (AGM)
- Charger Input can be a Solar Panel or an external Power Supply
- Typical External Power Supply Consumption: 0.6 A at 120V AC or 0.3 A at 230V AC

MOTORISATION

- Weather proof electrical linear actuator
- Mechanical overload protection
- Hand crank manual override

COMMUNICATION INTERFACE OPTION

- Wireless (US 915-MHz ISM band)
- Wire RS-485 interface
- Fiber Optic

HANDHELD RF REMOTE CONTROL

- Wireless (US 915-MHz ISM band)
- Approximate range of 1 mile in normal condition with line of sight

ABOUT VERSILIS, INC.

Versilis takes pride in developing quality innovations and providing exceptional service. Everything we do is governed by three principals: quality, safety and efficiency.

Constantly following the latest developments in highway safety, Versilis offers innovative solutions to the industry.



VERSILIS INC

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